

Claims

What is claimed is:

1. A method for transmitting the same data substantially simultaneously from an application executing on a server node to at least two client nodes, each client node executing a generalized receiver program, the method comprising the steps of:
 - (a) providing a connection between a first client node and a first client protocol stack on said server node;
 - (b) providing a connection between said application executing on said server node and said first client protocol stack;
 - (c) providing a connection between said application executing on said server node and a first minimal communications protocol stack;
 - (d) providing a connection between a second client node and a second client protocol stack on said server node;
 - (e) providing a connection between said first minimal protocol stack and a second minimal protocol stack;
 - (f) providing a connection between said second minimal protocol stack and said second client protocol stack; and
 - (g) transmitting data from said application program to said first client protocol stack and said first minimal protocol stack substantially simultaneously.

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 UV-Visible Spectrophotometer.

2. The method of claim 1 wherein said connection between said first client protocol stack and said application program occurs through a multiplexer.

3. The method of claim 1 wherein said connection between said first minimal protocol stack and said application program occurs through a multiplexer.

4. The method of claim 1 wherein said connection between said second client protocol stack and said second minimal protocol stack occurs through a multiplexer.

5. The method of claim 1 further comprises the step of associating a first minimal communications protocol stack with said first client protocol stack.

6. The method of claim 1 further comprising the step of associating a second minimal communications protocol stack with said second client protocol stack.

7. The method of claim 1 further comprising the step of determining whether said application program is suitable for broadcast.

8. A communication system comprising:

a server node comprising:

an application program;

a first client protocol stack in electrical communication with said application program;

6 a first minimal protocol stack in electrical communication with said
7 application program;

8 a second minimal protocol stack in electrical communication with said first
9 minimal protocol stack; and

10 a second client protocol stack in electrical communication with said second
11 minimal protocol stack;

12 a first client in electrical communication with said first client protocol stack; and

13 a second client in electrical communication with said second client protocol stack;

14 whereby said data from said application program is transmitted to said first client
15 protocol stack and said first minimal protocol stack substantially simultaneously.

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